

Title (en)

Pharmaceutical composition with bacteria for tumor treatment

Title (de)

Pharmazeutische Zusammensetzung mit Bakterien zur Tumorbehandlung

Title (fr)

Composition pharmaceutique avec des bactéries pour le traitement de tumeurs

Publication

EP 1958647 A1 20080820 (EN)

Application

EP 07102516 A 20070215

Priority

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Abstract (en)

The present invention provides pharmaceutical compositions for use in tumor therapy as well as a medical treatment in tumor therapy. The compositions comprise a leukocyte diminishing and/or leukocyte inactivating agent for use in bacterial tumor therapy in combination. Preferably, the leukocyte inactivating or diminishing agents are expressed by the bacteria used for the production of a pharmaceutical composition for bacterial tumor therapy.

IPC 8 full level

A61K 35/74 (2015.01); **A61K 39/395** (2006.01); **A61K 45/06** (2006.01); **A61P 35/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] WO 0124637 A1 20010412 - VION PHARMACEUTICALS INC [US], et al
- [AD] PAWELEK J M ET AL: "Bacteria as tumour-targeting vectors", LANCET ONCOLOGY, LANCET PUBLISHING GROUP, LONDON, GB, vol. 4, no. 9, September 2003 (2003-09-01), pages 548 - 556, XP004809880, ISSN: 1470-2045
- [AD] NOUGAYRÈDE JEAN-PHILIPPE ET AL: "Escherichia coli induces DNA double-strand breaks in eukaryotic cells", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 313, no. 5788, 11 August 2006 (2006-08-11), pages 848 - 851, XP002423942, ISSN: 0036-8075
- [AD] GENESTIER ANNE-LAURE ET AL: "Staphylococcus aureus Panton-Valentine leukocidin directly targets mitochondria and induces Bax-independent apoptosis of human neutrophils.", THE JOURNAL OF CLINICAL INVESTIGATION NOV 2005, vol. 115, no. 11, November 2005 (2005-11-01), pages 3117 - 3127, XP002448165, ISSN: 0021-9738
- [T] MENGESHA ASFERD ET AL: "Potential and limitations of bacterial-mediated cancer therapy.", FRONTIERS IN BIOSCIENCE : A JOURNAL AND VIRTUAL LIBRARY 2007, vol. 12, 2007, pages 3880 - 3891, XP002448166, ISSN: 1093-4715

Cited by

US11058732B2; US10987387B2; US11419931B2; US11857614B2

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